CLAIMS

1. A circuit arrangement (1) for the actuation of an electric-motor main drive (17) operated from a frequency converter (15) with a controlled bridge circuit (21) in a large domestic appliance which is also equipped with an auxiliary drive (24), characterized in that the auxiliary drive (24) is fed from the same dc voltage intermediate circuit (19) as the main drive (17).

2. A circuit arrangement according to Claim 1 characterized in that the bridge circuit (21) can be switched over from the main drive (17) to the auxiliary drive (24) by way of a change-over switch set (12), whereupon the auxiliary drive (24) is actuable from the frequency converter (15) which in itself is designed for the main drive (17).

3. A circuit arrangement according to Claim 2 characterized in that in each of the three motor feed lines (13) the change-over switch set (12) has a change-over switch (22) for switching over to a three-phase rotary field motor (23) in the auxiliary drive (24).

4. A circuit arrangement according to Claim 2 characterized in that the change-over switch set (12) has two change-over switches (22) for switching over from operation of the main drive (17) to an auxiliary drive (24) with a single-phase rotary field motor (25).

5. A circuit arrangement according to Claim 2 characterized in that the change-over switch set (12) has a change-over switch (22) in one of the three motor feed lines (13) for switching over the operation from the main drive (17) to an auxiliary drive (24) with a single-phase motor (25) whose second motor line is

fixedly connected to a pole of the feeding mains (14) upstream of the frequency converter (15).

6. A circuit arrangement according to Claim 1 characterized in that two half-bridge circuits (21, 21') are fed in parallel from the dc voltage intermediate circuit (19), which bridge circuits are associated with the main drive (17) and he auxiliary drive (24) respectively.

7. A circuit arrangement according to Claim 6 characterized in that the auxiliary drive (24) with a single-phase or three-phase motor (23) is connected to a three-phase or two-phase half-bridge circuit (21') respectively.

8. A circuit arrangement according to Claim 6 characterized in that for parallel operation of main and auxiliary drives (17, 24) at different rotary field frequencies the auxiliary drive (24) with a single three-phase motor (23) is connected in single-phase relationship to an arm of the bridge circuit (21) for the main drive (17) and with the other phases to the arms of a bridge circuit (21'), operated in parallel therewith, for the auxiliary drive (24), wherein the motors (16, 23) for the main and auxiliary drives (17, 24) are so designed that the sum of their two motor voltages does not exceed the intermediate circuit voltage at the output of the dc voltage intermediate circuit (19).